INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/008608

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl' G06T1/00, H04N1/387, H04N1/40 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum Gocumentation searched (classification system followed by classification symbols) Int.Cl' G06T1/00, H04N1/387, H04N1/40 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1992-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), 1, 13 30 August, 2002 (30.08.02), Full text; all drawings (Family) none X JP 2003-37777 A (Canon Inc.), O7 February, 2003 (07.02.03), Full text; all drawings a EP 1265194 A2 a US 2003/0016854 A1 Erricher document which may throw doubts on priority claim(s) or which is not considered """ """ """ """ """ """ """			101/012	.004/00000		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int. Cl. G06T1/00, H04N1/387, H04N1/40 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1924-2004 Kokat Jitsuyo Shinan Koho 1934-2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages X JP 2002-247352 A (Ricch Co., Ltd.), A JO August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), A O7 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 W See patent family annex. """ Jack document defining the general state of the act which is not considered to be of particular relevance """ Jack document defining the general state of the act which is not considered to be of particular relevance """ Jack document defining the general state of the set of which is not considered or constant which may throw doubts an priority claim(s) or which is special reason (see application or patent is the advanced or considered convert or cannot be considered or sworker and invention acannot be considered novel or cannot be considered and or considered convent or patients of the sequence of particular relevance, the claim drawnton acannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive special reason (see appeal and two setting actions of the sections of the particular relevance or sworkers and documents, such combination of the comment of the c	A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ G06T1/00, H04N1/387, H04N1/40					
Minimum documentation searched (classification system followed by classification symbols) Int.Cl7 G06T1/00, H04N1/387, H04N1/40	According to International Patent Classification (IPC) or to both national classification and IPC					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Jitsuyo Shinan Toroku Koho 1996–2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002–247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), Full. text; all drawlings (Family: none) X JP 2003–37777 A (Canon Inc.), 2, 1,13 A 07 February, 2003 (07.02.03), 2-12,14-20 Full text; all drawlings a EP 1265194 A2 a US 2003/0016854 A1 Full text; all drawlings a US 2003/0016854 A1 Full text; all drawlings a US 2003/0016854 A1 Full text; accounted the policition but cited to understand the principle or theory underlying the invention of the international filing date or priority cited to establish the publication date of another citation or other special reason (as specified) To document referring to an oral disclosure, use, exhibition or other special reason (as specified) To document referring to an oral disclosure, use, exhibition or other means the priority date claimed by the comment is comment to process the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Bocument published prior to the international search 10 September, 2004 (10.09.04) Telephone No.	B. FIELDS SE	ARCHED	•	· · · · · · · · · · · · · · · · · · ·		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1921–2004 Kokai Jitsuyo Shinan Koho 1994–2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002–247352 A (Ricoh Co., Ltd.), A 30 August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003–37777 A (Canon Inc.), A 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. See patent family annex. """ later document published after the international difficult with the application but clied to understand the principle or theory underlying the invention cannot be considered as a client of the stabilish the published on or after the international difficult with the application but clied to understand the principle or theory underlying the invention cannot be considered to involve an inventive and the principle or the copy underlying the invention cannot be considered to involve an inventive and the principle or the copy underlying the invention cannot be considered to involve an inventive and the principle or the copy underlying the invention cannot be considered to involve an inventive and the principle or the copy underlying the invention cannot be considered to involve an inventive and the principle or the copy underlying the invention cannot be considered to involve an inventive set of the same patent family """ document referring to an orad disclosure, use, exhibition or other means the principle of the copy of the cannot referring to an orad disclosure, use, exhibition or other means the principle of the copy of the cannot referring to an orad disclosure, use, exhibition and the principle of the copy of the cannot referri	Minimum docum	nentation searched (classification system followed by cl	assification symbols)	· · · · · · · · · · · · · · · · · · ·		
Jitsuyo Shinan Koho 1992–1996 Toroku Jitsuyo Shinan Koho 1994–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Jitsuyo Shinan Toroku Koho 1996–2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002–247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), 2,144-20 Full text; all drawings (Family: none) X JP 2003–37777 A (Canon Inc.), 2,1,13 A 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further document defining the general state of the art which is not considered to be of particular relevance to be of particular relevance to be international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying his invention document of particular relevance, the claimed invention cannot be special reason (as special rea						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), 2-12,14-20 X JP 2003-37777 A (Canon Inc.), 2-12,14-20 Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Full text; all drawings & US 2003/0016854 A1 Full text; all drawings & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. ** Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance the claim diversion of the international constitution or pattern to the hord whose on priority claim(t) or which is cited to establish the publication date of another citation or other special reason (as specified) To document which may throw doubte on priority claim(t) or which is cited to establish the publication date of another citation or other special reason (as specified) To document published prior to the international filling date but later than the priority date claimed To September 2 2004 (10.09.04) Date of the actual completion of the international search 10 September 2 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No.						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), A 30 August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), A 07 Februarry, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 ——————————————————————————————————						
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), 2-12,14-20 Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), 1,13 A 07 February, 2003 (07.02.03), 2-12,14-20 Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1	Kokai Ji	itsuyo Shinan Koho 1971-2004 Ji	tsuyo Shinan Toroku Koho	1996-2004		
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), Full text, all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), 1,13 A 07 February, 2003 (07.02.03), Full text, all drawings a EP 1265194 A2 & US 2003/0016854 A1 Purther documents are listed in the continuation of Box C. Special categories of cited documents: "A" document defining the general state of the art which is not considered order preliminar relevance "B" citing application or patent but published on or after the international filing date or priority document which may throw doubts on priority election or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international scerch 10 September, 2004 (10.09.04) Date of the actual completion of the international scerch 10 September, 2004 (10.09.04) Authorized officer Fassimile No.	Electronic data b	ase consulted during the international search (name of	data base and, where practicable, search te	erms used)		
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JP 2002-247352 A (Ricoh Co., Ltd.), 1,13 A 30 August, 2002 (30.08.02), Full text, all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), 1,13 A 07 February, 2003 (07.02.03), Full text, all drawings a EP 1265194 A2 & US 2003/0016854 A1 Purther documents are listed in the continuation of Box C. Special categories of cited documents: "A" document defining the general state of the art which is not considered order preliminar relevance "B" citing application or patent but published on or after the international filing date or priority document which may throw doubts on priority election or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international scerch 10 September, 2004 (10.09.04) Date of the actual completion of the international scerch 10 September, 2004 (10.09.04) Authorized officer Fassimile No.						
X JP 2002-247352 A (Ricoh Co., Ltd.), A 30 August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), A 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. Sec patent family annex. * Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance to be of particular relevance entire application or patent but published on or after the international filing date or priority date adminent referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claims or and disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claims or and disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claims or and disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claims or and disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claims or a relation but of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is accompleted with one or none patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Date of the actual completion of the international search 2005 October, 2004 (05.10.04)	C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT				
A 30 August, 2002 (30.08.02), Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), A 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance to particular relevance to particular relevance to earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is eited to establish the publication date of another citation or other special reason (as specified) "O" document referring to a nor add disclosure, use, exhibition or other special reason (as specified) "O" document referring to a nor add disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed on or after the international filing date but later than the priority date claimed. Date of the actual completion of the international search 10 September, 2004 (10.09.04) Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No.	Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.		
Full text; all drawings (Family: none) X JP 2003-37777 A (Canon Inc.), A 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" emailer application or patent but published on or after the international filing date "I" document which may throw doubts on priority claim(s) or which is special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other the priority date claimed Date of the actual completion of the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimite No.			Ltd.),			
See patent family annex. 1,13 2-12,14-20	A			2-12,14-20		
X JP 2003-37777 A (Canon Inc.), 07 February, 2003 (07.02.03), Full text; all drawings & EP 1265194 A2 & US 2003/0016854 A1 Further documents are listed in the continuation of Box C. Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" end are application or patent but published on or after the international filing date "I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means the priority date claimed Date of the actual completion of the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No.						
A 07 February, 2003 (07.02.03), Full text; all drawings © EP 1265194 A2 © US 2003/0016854 A1 Further documents are listed in the continuation of Box C. Sec patent family annex. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance to be of particular relevance to earlier application or patent but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international scarch 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No.		,,				
Further documents are listed in the continuation of Box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance: "E" earlier application or patent but published on or after the international filing date earlier application or patent but published on or after the international filing date earlier application or patent but published on or after the international filing date earlier application or patent but published on or after the international filing date earlier application or patent but published on or after the international filing date earlier application or patent but published on or after the international religious date of another citation or other special reason (as specified) or which is cited to establish the publication date of another citation or other special reason (as specified) prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No. See patent family annex. "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle theory underlying the invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document set of the varioular relevance; the claimed invention cannot be considered to involve an inventive step when the document set of the international search of the considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular rele						
Further documents are listed in the continuation of Box C. Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "E" after application or patent but published on or after the international filing date entire application or other than the priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Eassimile No. See patent family annex. "T" late document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "C" document referring to an oral disclosure, use, exhibition or other means document prepare to the international filing date but later than the priority date claimed "E" alternational affiling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the d	A		,	2-12,14-20		
Further documents are listed in the continuation of Box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance to be of particular relevance in the filting date on priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered to establish the publication date of another citation or other special reason (as specified) "O" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "O" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published after the international and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" administered to involve an inventive step when the document is taken alone "Y" and the priority date internation and the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" accomment published after the international and the principle or the considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" accomment published in the priority date international filing date but later than the priority date of involve an inventive step when the document is taken alone "Y" accomment of particular relevance, the claimed inven			2003/0016854 A1			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.			2005, 0010001 111			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.		·				
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.				i		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "V" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.	Further do	cuments are listed in the continuation of Box C	See patent family appex			
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Japanese Patent Office Telephone No.				ernetional filing date or priority		
"E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Authorized officer Telephone No.	"A" document d	efining the general state of the art which is not considered	date and not in conflict with the applic	ation but cited to understand		
filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. Considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Authorized officer Telephone No.	•	•				
cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Telephone No.	filing date		considered novel or cannot be consi	dered to involve an inventive		
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. Telephone No.		which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other		•		
"P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. Date of mailing of the international search 05 October, 2004 (05.10.04) Authorized officer Telephone No.	special reaso	on (as specified)	considered to involve an inventive	step when the document is		
the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search 10 September, 2004 (10.09.04) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. "&" document member of the same patent family Date of mailing of the international search report 05 October, 2004 (05.10.04) Authorized officer Telephone No.						
Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. O5 October, 2004 (05.10.04) Authorized officer Telephone No.			"&" document member of the same patent	family		
Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. O5 October, 2004 (05.10.04) Authorized officer Telephone No.	Deta of the cotact of the cota					
Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. Authorized officer Telephone No.						
Japanese Patent Office Facsimile No. Telephone No.						
Japanese Patent Office Facsimile No. Telephone No.	Name and mailing address of the ISA/		Authorized officer			
	Facsimile No.					

A. 発明の属する分野の分類 (国際特許分類 (IPC))
Int. Cl⁷ G06T1/00, H04N1/387, H04N1/40

B. 調査を行った分野

調査を行った最小限資料(国際特許分類(IPC))

Int. Cl⁷ G0.6T1/00, H04N1/387, H04N1/40

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報

1922-1996年

日本国公開実用新案公報

1971-2004年

日本国登録実用新案公報

1994-2004年

日本国実用新案登録公報

1996-2004年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

C. 関連すると認められる文献			
引用文献の		関連する	
カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	請求の範囲の番号	
	JP 2002-247352 A (株式会社リコー)		
	2002.08.30 全文,全図 (ファミリーなし)		
X		1, 13	
A .	·	2-12, 14-20	
	JP 2003-37777 A (キヤノン株式会社)	{	
	2003.02.07 全文,全図	'	
	& EP 1265194 A2		
1	& US 2003/0016854 A1	• [
X		1, 13	
A		2-12, 14-20	

□ C欄の続きにも文献が列挙されている。

□ パテントファミリーに関する別紙を参照。

- * 引用文献のカテゴリー
- 「A」特に関連のある文献ではなく、一般的技術水準を示す もの
- 「E」国際出願日前の出願または特許であるが、国際出願日 以後に公表されたもの
- 「L」優先権主張に疑義を提起する文献又は他の文献の発行 ・ 日若しくは他の特別な理由を確立するために引用する 文献 (理由を付す)
- 「O」口頭による開示、使用、展示等に言及する文献
- 「P」国際出願日前で、かつ優先権の主張の基礎となる出願

- の日の後に公表された文献
- 「T」国際出願日又は優先日後に公表された文献であって 出願と矛盾するものではなく、発明の原理又は理論 の理解のために引用するもの
- 「X」特に関連のある文献であって、当該文献のみで発明 の新規性又は進歩性がないと考えられるもの
- 「Y」特に関連のある文献であって、当該文献と他の1以 上の文献との、当業者にとって自明である組合せに よって進歩性がないと考えられるもの
- 「&」同一パテントファミリー文献

国際調査を完了した日 10.09.2004 国際調査報告の発送日 05.10.2004

特許庁審査官(権限のある職員) 廣島 明芳 5H 9853

郵便番号100-8915 東京都千代田区段が関三丁目4番3号

電話番号 03-3581-1101 内線 3531

国際調査機関の名称及びあて先 日本国特許庁(ISA/JP)